

Checklist no. 1

Before you pour

SET UP YOUR WORKSPACE

- ☐ Work surface completely cleaned and free of dust
- ☐ Protective cover laid out (silicone mat or chemical-resistant sheeting)
- ☐ At least 3 ft (1 m) of clear space around your work area
- ☐ Surroundings protected from splashes (drop cloths in place, newspaper removed)
- ☐ Good work lighting switched on (at least 1,000 lux)
- ☐ Camera set up before you start mixing

FINISH PREPARING YOUR PROJECT

- ☐ Project fully planned (design, technique, color scheme)
- ☐ All materials you need ready (e.g., silicone molds, objects to embed, wood bases)
- ☐ Materials clean, dry, and at room temperature

OPTIMIZE VENTILATION

- ☐ Ventilation set up for your products and tasks (section 7.4)
- ☐ Airflow checked: away from you, not toward you
- ☐ Cross-ventilation set up (air inlet and outlet defined)
- ☐ Fans positioned correctly (exhaust to the outside)
- ☐ Drafts in the pouring area kept to a minimum (so dust doesn't swirl up)

GET YOUR MATERIALS READY

- ☐ Room temperature measured: 68°F (20°C) is ideal, or as stated in the TDS
- ☐ Humidity confirmed below 60%
- ☐ Resin and hardener stored at room temperature for at least 12 hours, ideally 24 (section 7.3); material temperature checked
- ☐ Product labels checked (batch, expiration date, safety data sheet available)
- ☐ Viscosity checked (warmed if needed in cooler temperatures)
- ☐ Mix ratio double-checked and precision scale ready
- ☐ Pigments and additives prepared and set out in the right order
- ☐ Enough tools ready (several spatulas, cups, stir sticks)
- ☐ Timer or stopwatch within reach to keep track of pot life

PUT ON YOUR PPE

- ☐ Long hair tied back and secured
- ☐ Jewelry, watches, and loose clothing removed
- ☐ Long-sleeved work clothes or a protective apron on
- ☐ Respirator on, with filters chosen for your products and task (chapter 4) and within their service life
- ☐ Respirator seal checked (negative- and positive-pressure checks)
- ☐ Safety goggles on and checked for fog-free vision
- ☐ First pair of nitrile gloves on
- ☐ Second pair of nitrile gloves over the first for longer contact, cleanup, and large pours

BE READY FOR EMERGENCIES

- ☐ IPA cleaner and absorbent material within reach
- ☐ Absorbent cloths or pads ready at hand
- ☐ Eyewash bottle, at least 17 fl oz (500 ml), within 10 seconds' reach; running water nearby for a 15-minute rinse
- ☐ Emergency numbers posted where you can see them or saved in your phone